How can utilities manage their water systems more effectively through the use of digital technologies?

**CHALLENGES FACING WATER UTILITIES TODAY:**

- **SYSTEM RESILIENCE:**
  - Natural disasters
  - Physical incidents
  - Cyber incidents

- **REGULATORY COMPLIANCE:**
  - Environmental
  - Economic

- **GROWING WATER SCARCITY:**
  - Rapid urbanization and industrialization
  - Water loss

- **RISING COSTS AND DECLINING BUDGETS:**
  - High operational costs
  - Capital improvement programs
  - Aging and insufficient infrastructure

- **IN EACH PHASE OF THE WATER LIFECYCLE, SOFTWARE PLAYS A KEY ROLE.**

**HOW GOING DIGITAL CAN DRIVE PERFORMANCE:**

- Risk-Based Planning and Emergency Preparedness
- Water Smart Systems
- Asset Lifecycle Information Management
- Data-Driven Decisions
- Reduced CAPEX + OPEX = TOTEX
- Optimized Asset Performance

**SOLUTION:**

Bentley brings together the capital and operation aspects of managing urban water infrastructure. Bentley’s solutions span every step in the lifecycle, linking planners, engineers, construction staff, operations, and management with the information they need to implement the strongest asset performance strategies.

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